



Project No: MCC001901030201
Project: Final Remedial Investigation
Client: AFCEE
Location: Site 24 - Vandenberg AFB
Northing: 640122.797

Borehole ID: HGL25(24MW8B)
Date: 10/28/2002
Geologist: M. Jackson
Checked By: D. Smith, R.G.
Ground Surface Elevation(ft msl): 459.44
Easting: 1768168.279

SUBSURFACE PROFILE					SAMPLE			Water Level	Remarks
Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
2		Sand with clay Dark yellowish brown, moist, soft	Fill						
4				454					
6		Sand with clay and gravel Dark yellowish brown, moist, medium dense, 20% fine grained sand, 60% medium grained sand, 10% clay, 10% gravel (1-2 cm, subangular)	SC		10	17/17/18	3.5		
8				450					
10		Poorly graded sand Very pale orange, moist, soft, 100% fine grained sand	SP		50	50/50 for 3"	1.1		
12									
14		Mottled pale yellowish brown - moderate yellowish brown, moist, medium dense, 98% fine grained sand			80	21/41/33	3.0		
16									
18					80	15/31/50	3.1		
20				438					
22		Clayey sand Dark yellowish brown, moist, very dense, 60% fine grained sand, 40% clay	SC	436					
24			SP						
26		Poorly graded sand Pale yellowish brown, moist, soft, 100% fine grained sand							
28									
30		unit becomes dense at 33'							
32									
34		unit becomes very moist to saturated and soft at 36'			50	37/50 for 4"	4.2		
36									
38		lense of sand with clay from 39.5'-40'							
40			SC	419	70	44/50 for 5"	2.2		

Shallow zone water not encountered.

Temporary well set at 39.5'.

Drilled By: Layne Christensen

Drill Method: Dual Tube Percussion

Drilling Equipment: AP-1000

Sampling Equipment: CA Mod Split Spoon

HydroGeoLogic, Inc.
4600 Northgate Blvd., Suite 207
Sacramento, CA 95834
(916) 614-8770 FAX (916) 614-8775

Boring Diameter: 10"

Total Depth Drilled: 72'

Sheet: 1 of 2



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Depth	Symbol	Description	USCS	Elevation	Recovery %	Blow Counts	PID (ppm)		
42		at 41' unit became very moist	SP		70				
44									
46									
48									
50		unit moist at 50'							
52									
54		unit became saturated at 52'							
56					60	32/50 for 5"	6.8		
58									
60				398	100	27/50 for 3"	6.9		
62		Sand with gravel	SW	395					
64		Pale yellowish brown, saturated, 50% fine grained sand, 40% coarse grained sand, 10% gravel (variegated, 4-8 mm, sub-rounded)	SP		95	31/40/50 for 4"	3.2		
66									
68		Poorly graded sand							
70		Pale yellowish brown, saturated, soft, medium grained sand				36/50/50	2.0		
72		unit becomes light brown with 90% fine grained sand and 10% medium grained sand at 70'	CL	387					TD borehole and set temp well (well placed above clay with silt at 72').
74									
76		Clay with silt							
78		Dark yellowish brown, moist, stiff, moderate plasticity, 90% clay, 10% silt							Boring converted to deep well 24MW8B.
80									

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